SRC

SRC, Inc.
999 18th Street, Suite 1150
Denver, CO 80202

MONTHLY PROGRESS REPORT
AUGUST 2012
TASK ORDER 0005

To: Kirk Roegner (EPA Region 8 Contract Officer)
Barbara Nelson (EPA Region 8 Project Officer)
cc: SRC Project File
From: William Brattin (SRC WAM)

Renee

Contract: GS-00F-0019L
Order Number: EP-S8-11-03
EPA Task Order: 0005 (Libby Asbestos Superfund Site Human Health Risk Assessment)
SRC Project No.: FA535.0005
Period covered by this invoice: 08/01/2012 – 08/31/2012

Financial Summary

Category	Expenses		Budget			Percent Complete[b]
	This Month (a)	Cumulative	Ceiling	Funded	Remaining	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
LOE ($)	$3,608.55	$22,531.71	$96,475	$96,475	$73,943.29	23%
SRC Travel ($)			--	--	--	--
SRC ODC ($)			$366	$366	$ 366.00	0%
Subcontractors ($)	$20,819.78	$20,819.78	$49,689	$49,689	$28,869.22	42%
TOTAL ($)	✓ $24,428.33	✓$43,351.49	✓$146,530	$146,530	✓$103,178.51	30%

(a) See Tables CIB 1-4 for a detailed breakdown
(b) Based on funded budget

Explanation of ODCs

- No SRC ODCs were incurred in this reporting period.

Explanation of Subcontractor Costs

- SRC received an invoice from the University of Cincinnati (UC) for work performed from 5/25/12 to 7/31/12. [redacted] This invoice and a documentation of activities performed by UC are included in Attachment 1. In accord with contract rules, SRC marked up this cost to [redacted]

SUMMARY OF ACTIVITIES

<u>Task 1 – Support for Non-Cancer Toxicity Factor (RfC)</u>

- SRC met with EPA (Benson, Berry) on 8/6 to review status and discuss project tasks.

Subtask 1a – Revisions to the RfC Supporting Data and Documentation

- SRC prepared a summary of IH data and fitting activities for discussion with NCEA. This was sent to EPA and NCEA on 8/2. This included a recommendation that IH data from indoor jobs in the trionizing department be evaluated on a by-job basis, rather than pooling all indoor data.
- SRC participated in a conference call with NCEA on 8/8 to discuss work done to date and to evaluate issues and options for fitting the IH data.
- As a follow-up to the call with NCEA, SRC performed fitting of the IH data using un-weighted linear regression and prepared a set of graphs and tables that compared the "independent b" approach to the "common b" approach. This was sent to NCEA for review on 8/8.
- As a follow-up to the call with NCEA, SRC performed an analysis of the frequency and magnitude of IH values with unexpectedly low values. This analysis was sent to EPA for review on 8/8.
- SRC prepared an "options memo" that outlined a series of six alternative strategies for fitting the IH data from the trionizing department. This was sent to EPA and UC on 8/19 for review and discussion.
- As a follow-up to the "options memo", SRC calculated the mean-square error for each of the alternative approaches to help in the evaluation process. SRC participated in a call with UC on 8/20 to clarify the Option 5 (un-weighted fitting with common b for indoor and outdoor jobs).

Task 2 – Technical Review and Oversight for the Conduct of Risk Assessments for Libby

- SRC participated in a conference call with EPA on 8/3/12 to discuss the FBAS manuscript. SRC performed edits and authored new text on the use of MLE fitting as discussed in the call.

DELIVERABLES SUBMITTED

Task	Deliverable Title	Due Date	Date Delivered	Recipient(s)
1				
1a	Data summary for NCEA Un-weighted fitting by job Analysis of low IH values Options memo	-- -- -- --	8/2 8/8 8/8 8/19	EPA Region 8, NCEA EPA Region 8, NCEA EPA Region 8, NCEA EPA Region 8, UC
2	Edits on FBAS manuscript	--	8/3	David Berry

ISSUES IDENTIFIED AND REMEDIAL ACTIONS TAKEN

- SRC notified EPA that the scope of work required from the University of Cincinnati was substantially larger than had been anticipated, and that addition funding would be required to support this expanded scope. SRC prepared and submitted a formal request for additional funding.

ANTICIPATED ACTIVITIES FOR NEXT MONTH

Task 1 – Support for Non-Cancer Toxicity Factor (RfC)

- SRC will work with EPA to address issues raised by the SAB and by NCEA regarding the modeling of the Marysville data.

Subtask 1a – Revisions to the RfC Supporting Data and Documentation

- SRC will work with UC to perform independent b and common b fitting of the IH data using variance-weighted linear regression. SRC will prepare a set of graphs and tables that compared the "independent b" approach to the "common b" approach. This will be used to generate a JEM based on weighted fitting of the IH data and generation of new cumulative exposure values by worker by year

Task 2 – Technical Review and Oversight for the Conduct of Risk Assessments for Libby

- SRC will provide evaluation and review of documents or data as may be requested by EPA.

ANTICIPATED DELIVERABLES FOR NEXT MONTH

Task	Deliverable Title	Deliverable Date
1	Revised model fitting calculations	TBD
1a	JEM and cumulative exposure values based on AM data	TBD
2	Risk assessment support as requested	TBD

ESTIMATE OF SUBSTANTIAL LAGGING COSTS

SRC has been provided a list of hours expended and work performed by UC staff in August [redacted]. These costs will be billed when an invoice is received from the University.

ATTACHMENT 1

DOCUMENTATION OF SUBCONTRACTOR COSTS FOR TASK 0005

Brief description of UC activities for May 25 – June 30, 2012

- Created data files as requested by SRC/EPA
- Considered potential bias due to differing sampling durations and potential strategies for addressing issue
- Discussed the use of arithmetic v. geometric mean for IH data
- Evaluated use of 0 for samples <LOD
- Call with EPA/SRC on June 12 to discuss arithmetic v. geometric, samples <LOD, sample duration issue
- Considered methods of developing exposure estimates using arithmetic means
- Evaluated methodology/appropriateness of SRC proposed model and associated exposure matrix
- Considered alternate fitted curves
- Discussed outliers in dataset
- Call with SRC on June 28 to discuss modeling the data, sample duration issue, and outliers
- Call with SRC on June 28 to discuss alternate modeling strategies

Brief description of UC activities for July 1 – 31, 2012

- Developed exponential models for IH data
- Reviewed updated exposure matrix for accuracy
- Call with EPA/SRC on July 23 to discuss trionizing data points, sample duration, and the updated JEM
- Developed LOESS models for IH data
- Evaluated appropriateness of LOESS and exponential models
- Reviewed text for RfC
- Reviewed CHEEC formula for accuracy
- Reviewed process for handling trionizing data

CONTRACT INVOICE BACKUP REPORT (Combined CIB1, CIB-2, CIB-3, CIB-4)

Order Number	EP-11-S8-03	Invoice Number	121221
Order Name	Region 8 Risk Assessment Support	Invoice date	9/12/2012
Task Order	0005 (Libby Asbestos Superfund Site Human Health Risk Assessment)		
Invoice period of performance	08/01/2012 -08/31/2012		

PART A: SRC LABOR

Title	Name	Rate	Current Period Total hrs	Current Period Total Amt	Project Cumulative Total hrs	Project Cumulative Total Amt
[redacted]						
		SRC LABOR TOTALS	[redacted]	$3,608.55	[redacted]	$22,531.71

PART B: SRC TRAVEL

Title	Name			Current		Cumulative
		Travel cost Travel cost				
		Total travel cost G&A (travel)				
		SRC TRAVEL TOTALS		$0.00		$0.00

PART C: SRC ODCs

			Current		Cumulative
	ODCs G&A (ODCs)				
	SRC ODC TOTALS		$0.00		$0.00

PART D1: SUBCONTRACTOR LABOR

Title	Name (Company)	Rate	Current Period Total hrs	Current Period Total Amt	Project Cumulative Total hrs	Project Cumulative Total Amt
[redacted]						
Subcontractor Labor Totals:			[redacted]	$19,410.32	[redacted]	$19,410.32
SRC G&A (subcontractor)				$1,409.46		$1,409.46
	SUBCONTRACTOR LABOR TOTALS		[redacted]	$20,819.78	[redacted]	$20,819.78

PART D2: SUBCONTRACTOR TRAVEL

Title	Name (Company)			Current		Cumulative
		Travel cost Travel cost				
		Total travel cost SRC G&A (subcontractor)				
		SUBCONTRACTOR TRAVEL TOTALS		$0.00		$0.00

PART D3: SUBCONTRACTOR ODCs

Sub-Contractor Company			Current		Cumulative
	ODCs ODCs				
	Total subcontractor ODCs SRC G&A (subcontractor)				
	SUBCONTRACTOR ODC TOTALS		$0.00		$0.00

PART E: TASK ORDER TOTALS

		Current Period Total hrs	Current Period Total Amt	Project Cumulative Total hrs	Project Cumulative Total Amt
	TASK ORDER TOTALS	[redacted]	$24,428.33	[redacted]	$43,351.49

Standard Form 1034
7 GAO 5000
1034-114

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

VOUCHER NO. 05

U.S. DEPARTMENT, BUREAU, OR ESTABLISHMENT AND LOCATION

U.S. ENVIRONMENTAL PROTECTION AGENCY
109 TW ALEXANDER DRIVE
MAIL CODE - D143-02
RESEARCH TRIANGLE PARK, NC 27711

DATE VOUCHER PREPARED: 09/12/12

CONTRACT NUMBER AND DATE: EP-S8-11-03

REQUISITION NUMBER AND DATE

SCHEDULE NO.

PAID BY

PAYEE'S NAME AND ADDRESS:
SRC, INC
M&T Bank (ACH - EPA)
7502 Round Pond Road
North Syracuse, NY 13212
FEDERAL TAX ID NUMBER: 15-0589832

FA535.CF999.0.005

DATE INVOICE RECEIVED

DISCOUNT TERMS

PAYEE'S ACCOUNT NUMBER

SHIPPED FROM | TO | WEIGHT | GOVERNMENT B/L NUMBER

NUMBER AND DATE OF ORDER	DATE OF DELIVERY OR SERVICE	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)	QUANTITY	UNIT PRICE COST	UNIT PRICE PER	AMOUNT (1)
	August 1, 2012 through August 31, 2012	For detail, see SF 1035 Continuation Sheet, total amount claimed transferred from Page 1 SF 1035. **TASK ORDER 0005** COST REIMBURSABLE PROVISIONAL PAYMENT				$24,428.33

"I certify that all payments requested are for appropriate purposes and in accordance with the agreements set forth in the contract."

Name of Official: Diane Civitelli
Title: Accountant

(Use continuation sheets(s) if necessary) **(Payee must NOT use the space below)** TOTAL $24,428.33

PAYMENT: COMPLETE / PARTIAL / FINAL / PROGRESS / ADVANCE

APPROVED FOR: Provisional payment subject to later audit

EXCHANGE RATE = $1.00

BY: Michelina Torre

TITLE: Defense Contract Audit Agency, Branch Manager

Amount verified; correct for

(Signature or initials)

RECEIVED 2012 SEP 18 AM 10 07 RTP FINANCE

ACCOUNTING CLASSIFICATION

CHECK NUMBER	ON TREASURER OF THE UNITED STATES	CHECK NUMBER	ON (Name of bank)
CASH $	DATE	PAYEE	

PER

1. When stated in foreign currency, insert name of currency.
2. If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the space provided, over his official title.
3. When a voucher is receipted in the name of a company or corporation, the name of the person writing the company or corporate name as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.

FY12 FY12 FY12

B2000579654

Standard Form 1034 7 GAO 5000 1034-114	PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL	VOUCHER NO. 05

U.S. DEPARTMENT, BUREAU, OR ESTABLISHMENT AND LOCATION	DATE VOUCHER PREPARED 09/12/12	SCHEDULE NO.
U.S. ENVIRONMENTAL PROTECTION AGENCY 109 TW ALEXANDER DRIVE MAIL CODE - D143-02 RESEARCH TRIANGLE PARK, NC 27711	CONTRACT NUMBER AND DATE EP-S8-11-03 REQUISITION NUMBER AND DATE	PAID BY

PAYEE'S NAME AND ADDRESS	SRC, INC M&T Bank (ACH - EPA) 7502 Round Pond Road North Syracuse, NY 13212 FEDERAL TAX ID NUMBER: 15-0589832	DATE INVOICE RECEIVED DISCOUNT TERMS PAYEE'S ACCOUNT NUMBER

FA535.CF999.0.005

SHIPPED FROM	TO	WEIGHT	GOVERNMENT B/L NUMBER

NUMBER AND DATE OF ORDER	DATE OF DELIVERY OR SERVICE	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)	QUANTITY	UNIT PRICE COST	PER	AMOUNT (1)
	August 1, 2012 through August 31, 2012	For detail, see SF 1035 Continuation Sheet, total amount claimed transferred from Page 1 SF 1035. TASK ORDER 0005 COST REIMBURSABLE PROVISIONAL PAYMENT				$24,428.33

"I certify that all payments requested are for appropriate purposes and in accordance with the agreements set forth in the contract."

Diane Cervelli — Name of Official

Accountant — Title

(Use continuation sheets(s) if necessary)	(Payee must NOT use the space below)	TOTAL	$24,428.33

PAYMENT:	APPROVED FOR	EXCHANGE RATE	
COMPLETE	Provisional payment subject to later audit	= $1.00	
PARTIAL	BY:		
FINAL	Michelina Torre		
PROGRESS	TITLE:		Amount verified; correct for
ADVANCE	Defense Contract Audit Agency, Branch Manager		(Signature or initials)

ACCOUNTING CLASSIFICATION

PAID BY			
CHECK NUMBER	ON TREASURER OF THE UNITED STATES	CHECK NUMBER	ON (Name of bank)
CASH $	DATE	PAYEE	

1. When stated in foreign currency, insert name of currency.
2. If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the space provided, over his official title.
3. When a voucher is receipted in the name of a company or corporation, the name of the person writing the company or corporate name as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.

PER

TITLE

Billing Number: 0005
Invoice Number: INV-00000121221

Invoice Date: 09/12/2012

Bill To:
US ENVIRONMENTAL PROTECTION AGENCY
109 TW ALEXANDER DRIVE
MAIL CODE D-143-02
RESEARCH TRIANGLE PARK, NC 27711

Remit To:
SRC, Inc
7502 Round Pond Road

North Syracuse, NY 13212-2510

Customer Number:	1019
Prime Contract Number:	EP-S8-11-03
Subcontractor Number:	GS-00F-0019L
Customer PO Number:	TASK ORDER 0005
Project Number:	FA535.CF999.0.005
Project Name:	R8 RA TO5 Libby Asbestos
Terms:	NET 30
Due Date:	10/12/2012

	Contract Value	Funded Value
Cost:	0.00	146,530.02
Fee:	0.00	0.00
Total:	0.00	146,530.02

Cumulative Amount Billed: 43,351.49

Billing Period From: 08/01/2012
To: 08/31/2012

	Current Hours	Rate	Current Amount	Cumulative Hours	Cumulative Amount
[redacted]					
DIRECT LABOR	[redacted]		3,608.55	[redacted]	22,531.71
SUBCONTRACT			20,819.78		20,819.78
OTHER DIRECT COSTS			20,819.78		20,819.78
Invoice Total			24,428.33		43,351.49

Current Incurred Hours: [redacted]
Cumulative Incurred Hours:

Date: 09/12/12
Time: 9:49:58 AM

SRC Consolidated

Project Labor Summary

By Project, Project Labor Category (PLC), Employee/Vendor Detail
As of Fiscal Year: 2012 Period: 11 Subperiod: 1 Ending: 08/31/2012

Project:	FA535.CF999.0.005	**Contract Value:**	0.00
Name:	R8 RA TO5 Libby Asbestos	**Funded Value:**	146,530.02
Owning Organization:	01.02.11.01.00	**Project Classification:**	DIRECT PROJECT
Prime Contract Number:	EP-S8-11-03	**Project Type:**	GOVT PRIME T&MT
Subcontract Number:	GS-00F-0019L	**Period of Performance:**	02/09/2012 - 06/30/2013
Purchase Order:	TASK ORDER 0005	**Active:**	Yes
Project Manager:	HOHREITER, DAVID W		
Customer:	EPA		

Labor Category	Period Actual Hours
[redacted]	
Project Labor Category (PLC): [redacted]	
Total for FA535.CF999.0.005:	[redacted]

SRC

Electronic Forms

327844
9/14/12

SRC

Invoice Approval

This is to be used for 3-WAY P.O.'s ONLY.

Prepared By:	Rocker, John
Date Prepared:	8/16/2012
Invoice Number:	1904150
PO Number:	SCFA53501
Supplier:	University of Cincinnati
Invoice Date:	8/14/2012
Time Frame Start:	5/25/2012
Time Frame End:	7/31/2012
Type:	Direct / Indirect
For Company:	SRC / SRCTec

AP Use Only	
Vendor #	
Voucher #	
e-Form #	41371

Invoice Checklist			
Program Manager / Technical:			
Subcontractor Progress is Acceptable:	Yes	No	N/A
Milestones have been met:	Yes	No	N/A
Deliverables have been received (i.e. Status Reports):	Yes	No	N/A
Invoiced hours, ODC's and travel are consistent with subcontractor's proposal and are acceptable for the invoice timeframe:	Yes	No	N/A
Finance:			
Invoice hours, travel and ODC's add up correctly:	Yes	No	N/A
Cumulative Total should be in accordance with approved budget(s), including any line items:	Yes	No	N/A
Cumulative line items - Check that the previous invoice cumulative line item plus the current item equals the current cumulative:	Yes	No	N/A
Subcontracts:			
P.O. / Subcontractor Number:	Yes	No	N/A
Correct Subcontractor:	Yes	No	N/A
Time period of invoice should coincide with previous invoice. It generally would not overlap with the previous invoice and should NEVER exceed the termination date:	Yes	No	N/A
Invoice numbering should be sequential, following previous invoice:	Yes	No	N/A
Invoiced rates are in accordance with the contractually approved rates:	Yes	No	N/A
Overhead rates are properly applied to the appropriate cost elements:	Yes	No	N/A
Invoice costs are allocated to the proper Purchase Order lines:	Yes	No	N/A
Check that fringe benefit rate and amounts are accurate for current invoice:	Yes	No	N/A
Invoiced labor, travel, material and ODC's are reconciled to the respective source documents (i.e. proposals and invoices) and are allowable and allocable:	Yes	No	N/A

Description:

Accounting Information

P.O. Line	Account No.	Project No.	Organization No.	Total $	
1	5-4-000	FA535.CF999.0.005.000 SUB	03.02.11.01.00	19,410.33	Edit Delete
					Save
			Total	$19,410.33	

✓

Please Attach the invoice and other relevant files:

Invoice#1904150 8-14-12.pdf (302.8 KB) [Update | Delete]

[Browse...] [Upload]
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Approvals

(Hide Approvals...)

Approver Name	Role	Decision	Date
Brattin, William	Reviewer	Approved as Manager and routed to Hudgins, Joe (hudgins@srcinc.com)	8/16/2012 12:17:57 PM
Hudgins, Joe	Reviewer	Approved as FA and routed to Rocker, John (jrocker@srcinc.com)	8/16/2012 2:48:46 PM
Rocker, John	Reviewer	Approved as Manager and routed to Procurement for final approval	8/20/2012 8:14:49 AM
Rocker, John	Procurement	Routed to Crivell, Diane.	8/20/2012 8:15:40 AM

Log

(View Log...)

Comments

(Hide Comments...)

User	Comment	Date
Rocker, John	Invoice Approval Routing Sequence: B. Brattin to J. Hudgins to J. Rocker to D. Crivell.	8/11/2012 7:17:30 AM
Hudgins, Joe	Though the award amount in the heading of the invoice equals $27,679, the budget total in the body of the invoice does not add correctly due the labor dollars being double counted. The amount due for the invoice is totaled correctly.	8/13/2012 11:11:50 AM
Rocker, John	Return to Preparer - Subcontractor invoice corrections pending.	8/13/2012 11:14:09 AM
Rocker, John	Revised subcontractor invoice attached - Invoice Approval routed back to beginning for review. JGR. Invoice Approval Routing Sequence: B. Brattin to J. Hudgins to J. Rocker to D. Crivell.	8/16/2012 11:40:13 AM

Enter Comments:

I, the undersigned, certify that I have reviewed this invoice/request for payment and supporting documentation in accordance with this checklist. Based on this documentation and my personal knowledge of the activity, I hereby approve this invoice/request for payment.

Process and close the Form

- Save for later.
- Process and close.
- Route to another A/P member:
- Reject to Procurement:

[Submit]

UNIVERSITY OF Cincinnati

Sponsored Program Accounting
University of Cincinnati
PO Box 210222
Cincinnati, OH 45221-0222
51 Goodman Drive
530 University Hall ML 0022
Telephone: (513) 556-4816
Fax: (513) 556-4820

August 14, 2012

INVOICE

SRC, Inc.
Attn: John Rocker
7502 Round Pond Road
North Syracuse, NY 13212

jrocker@srcinc.com

Invoice Number:	**1904159**
Sponsor Reference:	FA535/SC01
Principal Investigator:	Dr Lockey
Award Amount:	$ 27,679.00
Award Period:	5/24/2012 - 6/30/2013
UC Reference:	1009759
UC Federal Tax ID #:	31-6000989

Order Number: EP -11-58-03
Order Name: Region 8 Risk Assessment Suport
Task Order: 0005 (Libby Risk Assessment Support
Invoice Period 5/25/12 - 7/31/12
Part D1: Subcontractor Labor **PO# SCFA53501**

Name	Rate	Current Period		Project Cumulative	
		Total Hours	Total AMT	Total Hrs	Total Amount
[redacted]					
Subcontractor Labor Totals		[redacted]	**$19,410.33**	[redacted]	**$19,410.33**

Amount Due: $19,410.33

Please enclose a copy of this invoice with your payment or reference the invoice number on your remittance to:

Paper Check Payment: University of Cincinnati
Accounts Receivable
P.O. Box 691031
Cincinnati, OH 45269-1031

ACH/EFT Payment: (CCD PLUS Compatible) PNC Bank
201 East Fifth Street
Cincinnati, OH 45202
ABA (RTN) # 041000124
Account # 4070624490
Account Name: University of Cincinnati
SWIFT: PNCCUS33

Payment Terms- Net 30 Days

Prepared by: Jean Kaesemeyer (513) 556-4814 kaesemjk@ucmail.uc.edu

I hereby certify that all expenditures reported or payments requested are for appropriate purposes and are in accordance with the agreements set forth in the award documents.

David J. Stephen for S.V.

Sonya VonLuehrte, Assistant Director
SRS Accounting Division

cc: Teresa Pyles
File